

ABSTRACT

An improved combination full flow bypass oil filter is presented where the output of the bypass filter is obtained by non-venturi means and the extremely clean bypass filter output is measurable at all engine oil pressures. The bypass filter output is not blended with the full pass filtered oil until the bypass filtered oil is returned to the engine sump. Measurements have been made of this system that show positive bypass filter output in the range of 5 to 85 PSI engine oil pressure, the output a linear function of the oil pressure coming from the engine.